











Question 6

- Serine has a $pK_{a1} = 2.21$ and a $pK_{a2} = 9.15$. What is the isoelectric point of serine?
 - A) 5.60
- B) 5.65
- C) 5.68
- D) 6.02

Question 7

- An octapeptide subjected to degradation produced, after purification, the fragments
- Ala-Phe, Leu-Gly, Val-Tyr, Phe-Gly-Val, Tyr-Arg-Leu. What is the sequence of the peptide?
- A) Gly-Leu-Arg-Tyr-Val-Gly-Phe-Ala
- B) Ala-Phe-Phe-Gly-Val-Tyr-Arg-Leu
- C) Ala-Phe-Gly-Leu-Gly-Val-Tyr-Arg
- D) Ala-Phe-Gly-Val-Tyr-Arg-Leu-Gly

Question 8

- A tripeptide contains alanine, valine, and serine. How many sequences are possible?
- A) 3
- B) 4
- C) 5
- D) 6